

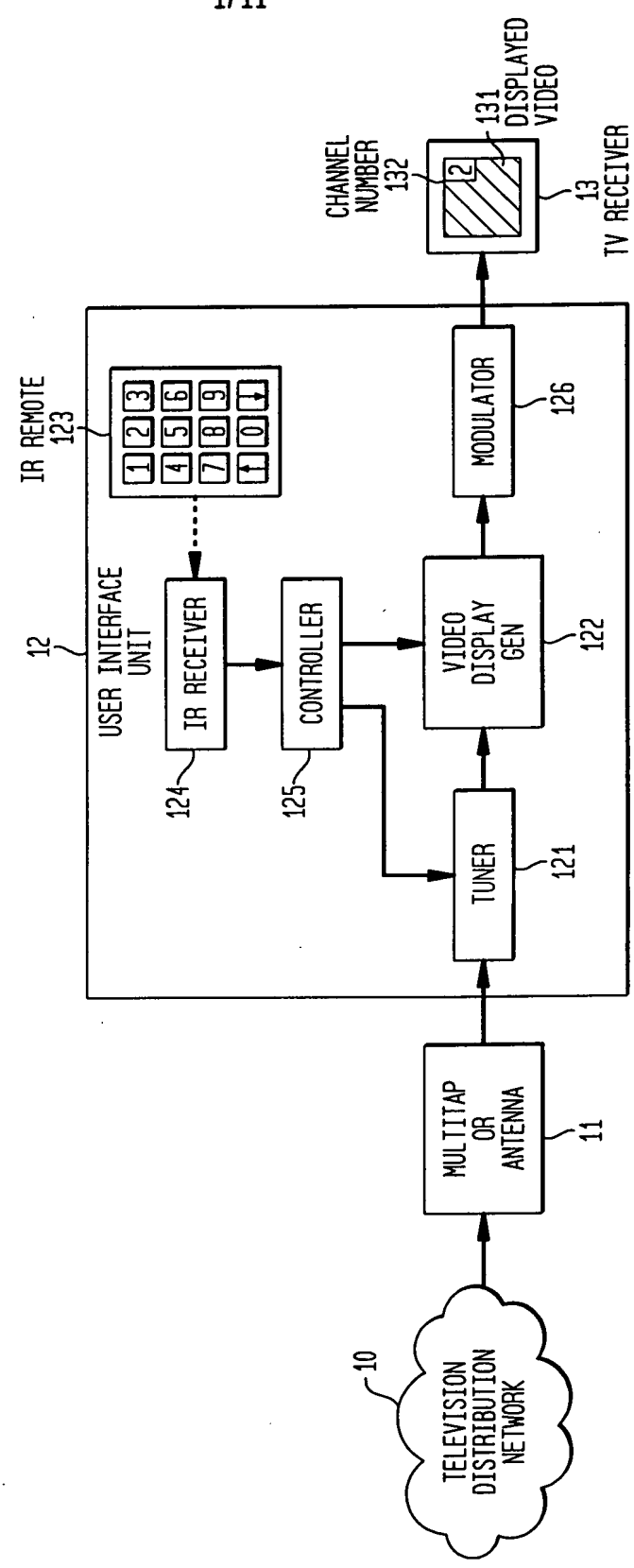
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FIG. 1
SYSTEM FOR SELECTING
TELEVISION CHANNELS FOR DISPLAY
ON A TELEVISION RECEIVES



10-01

FIG. 2
(PRIOR ART)

PROGRAM GUIDE CHANNEL

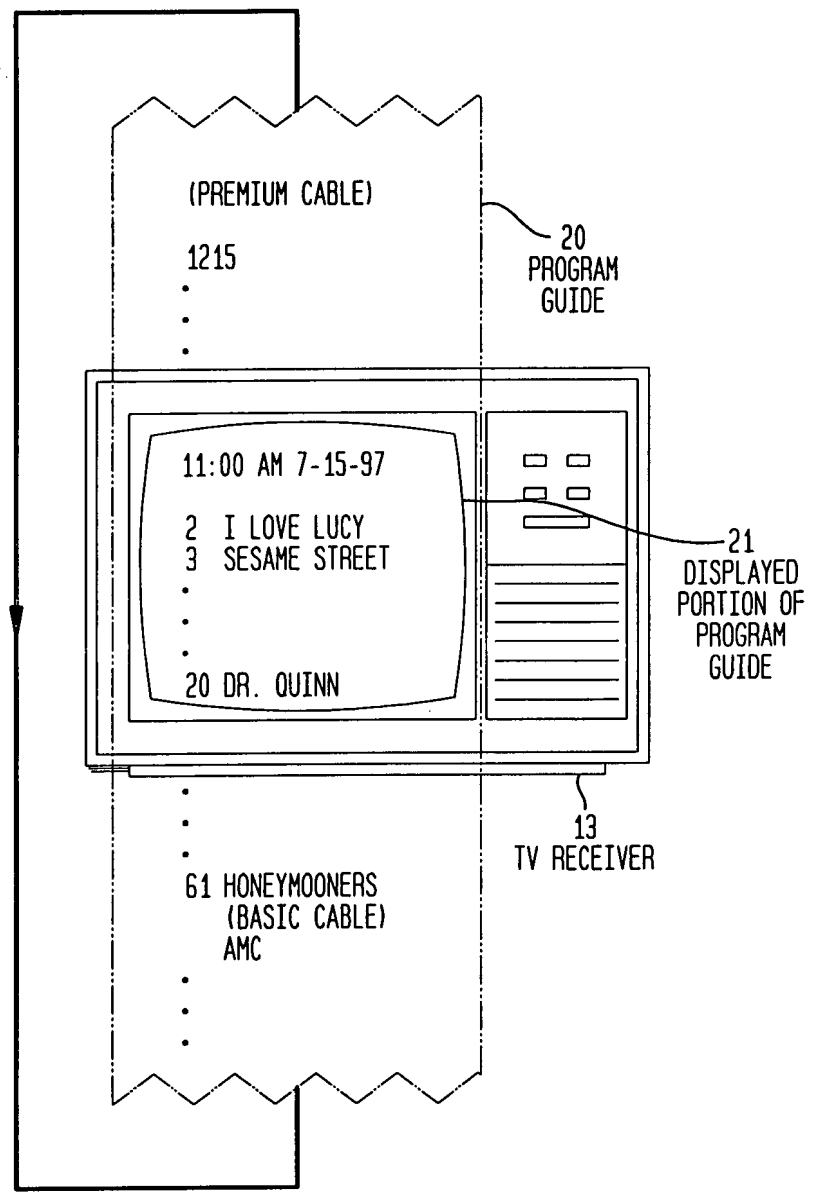
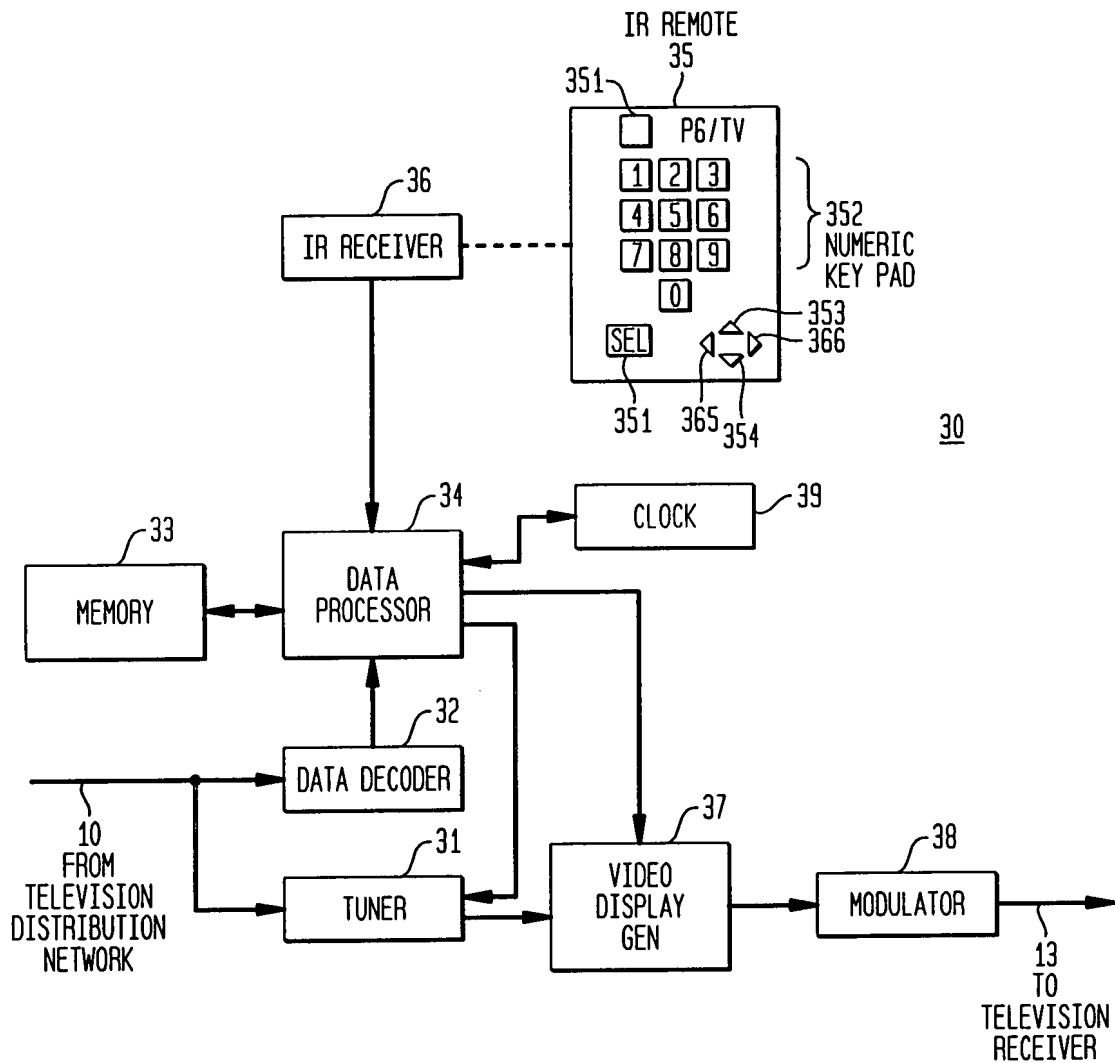


FIG. 3

(PRIOR ART)

USER-INTERFACE UNIT FOR
AN INTERACTIVE ELECTRONIC
PROGRAM GUIDE SYSTEM



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FIG. 4

PROGRAM GUIDE DISPLAYED
ON A TELEVISION RECEIVER

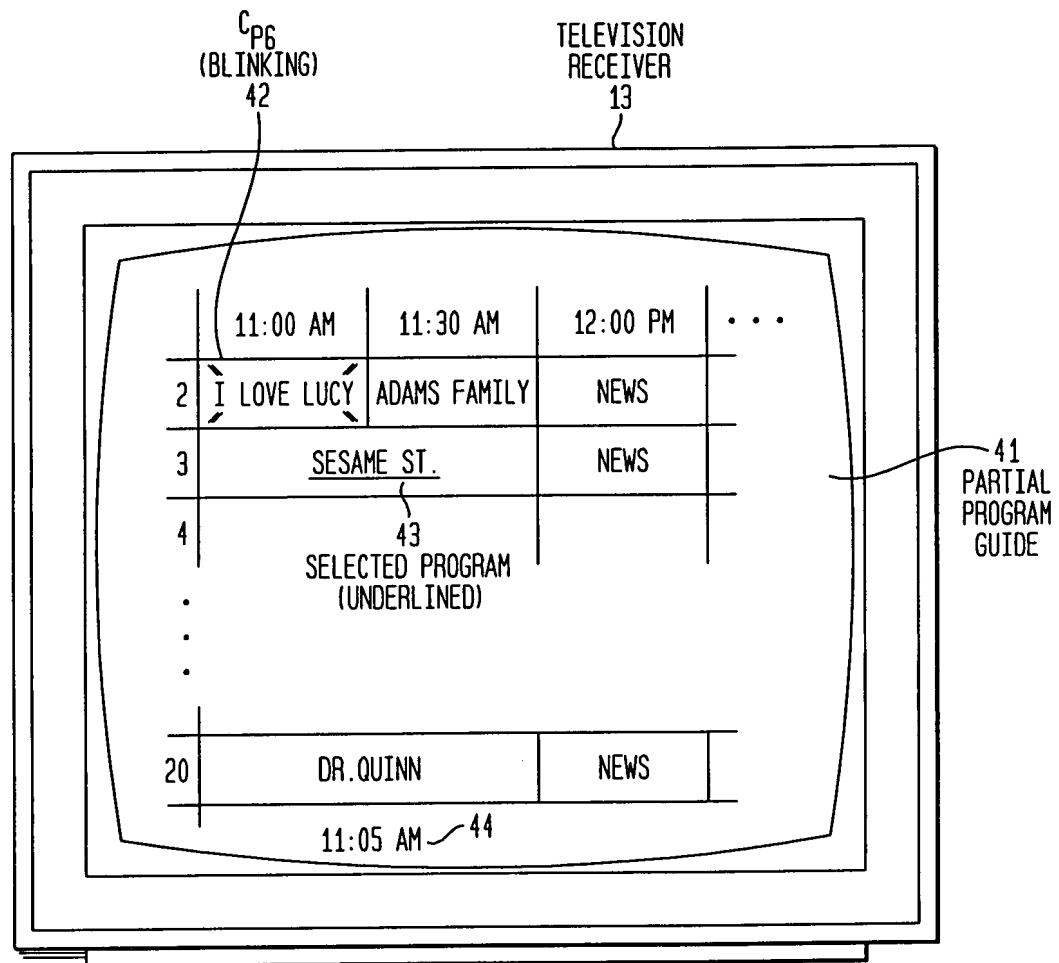
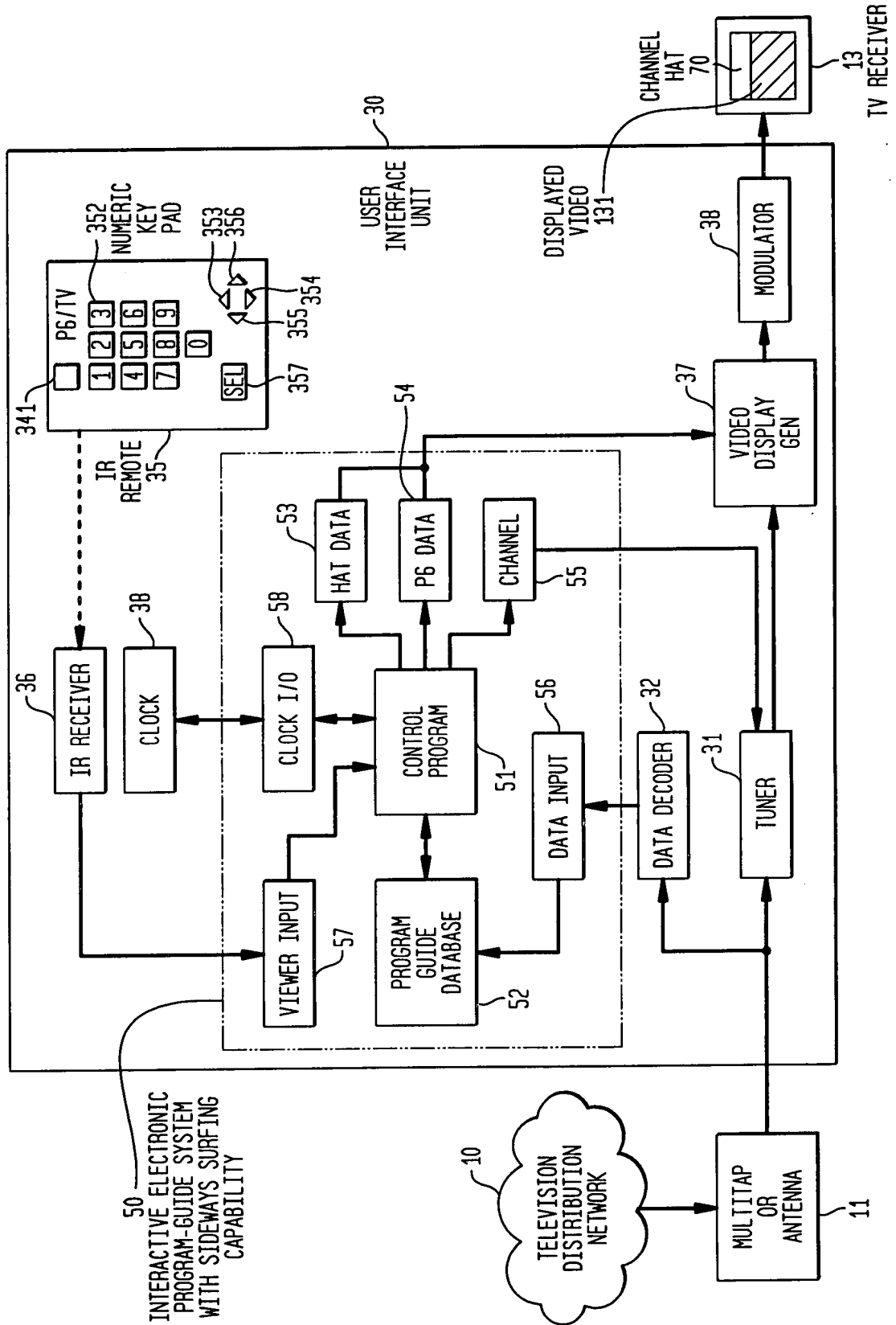


FIG. 5



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FIG. 6A
PROGRAM-GUIDE DATABASE

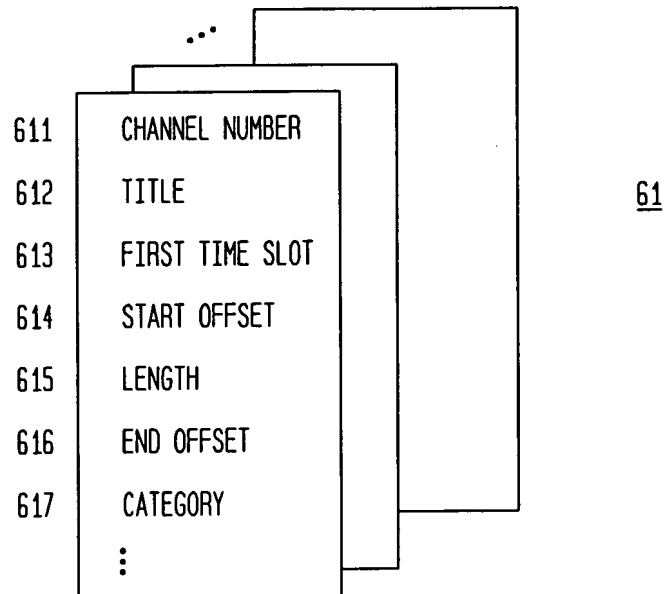
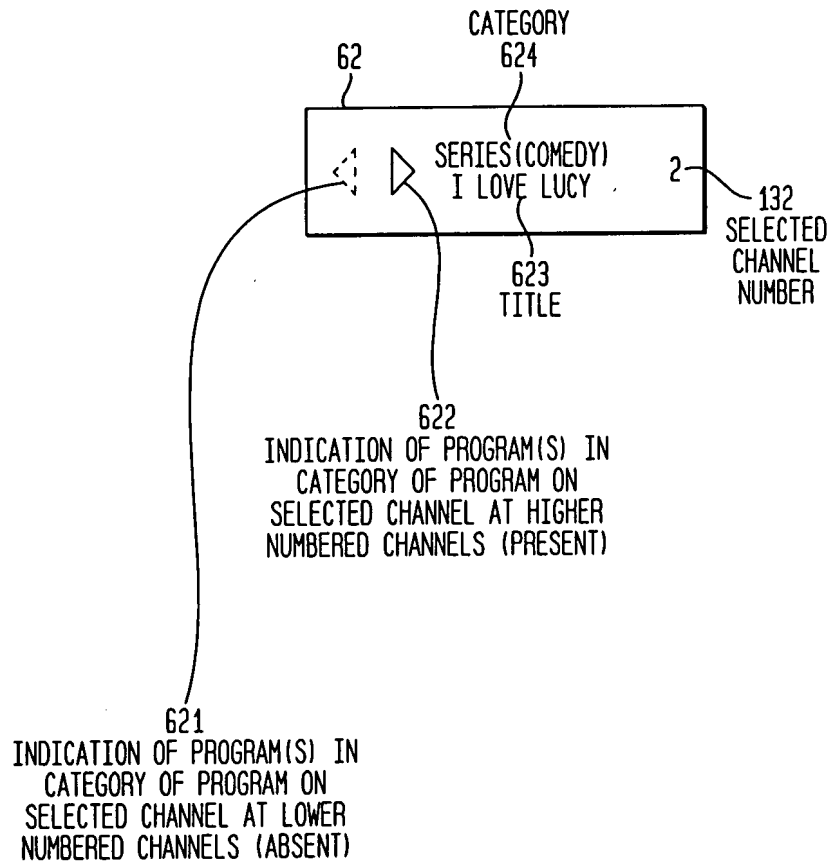


FIG. 6C
VARIABLES MAINTAINED BY
ELECTRONIC PROGRAM GUIDE TO
SUPPORT SIDEWAYS SURFING

63	SLE	SURF LEFT ENABLE
64	SLN	SURF LEFT CHANNEL NO.
65	SRE	SURF RIGHT ENABLE
66	SRN	SURF RIGHT CHANNEL NO.
67	NCN	NEXT CATEGORY CHANNEL NO.
68	PCN	PREVIOUS CATEGORY CHANNEL NO.

FIG. 6B
CHANNEL HAT



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FIG. 7

700

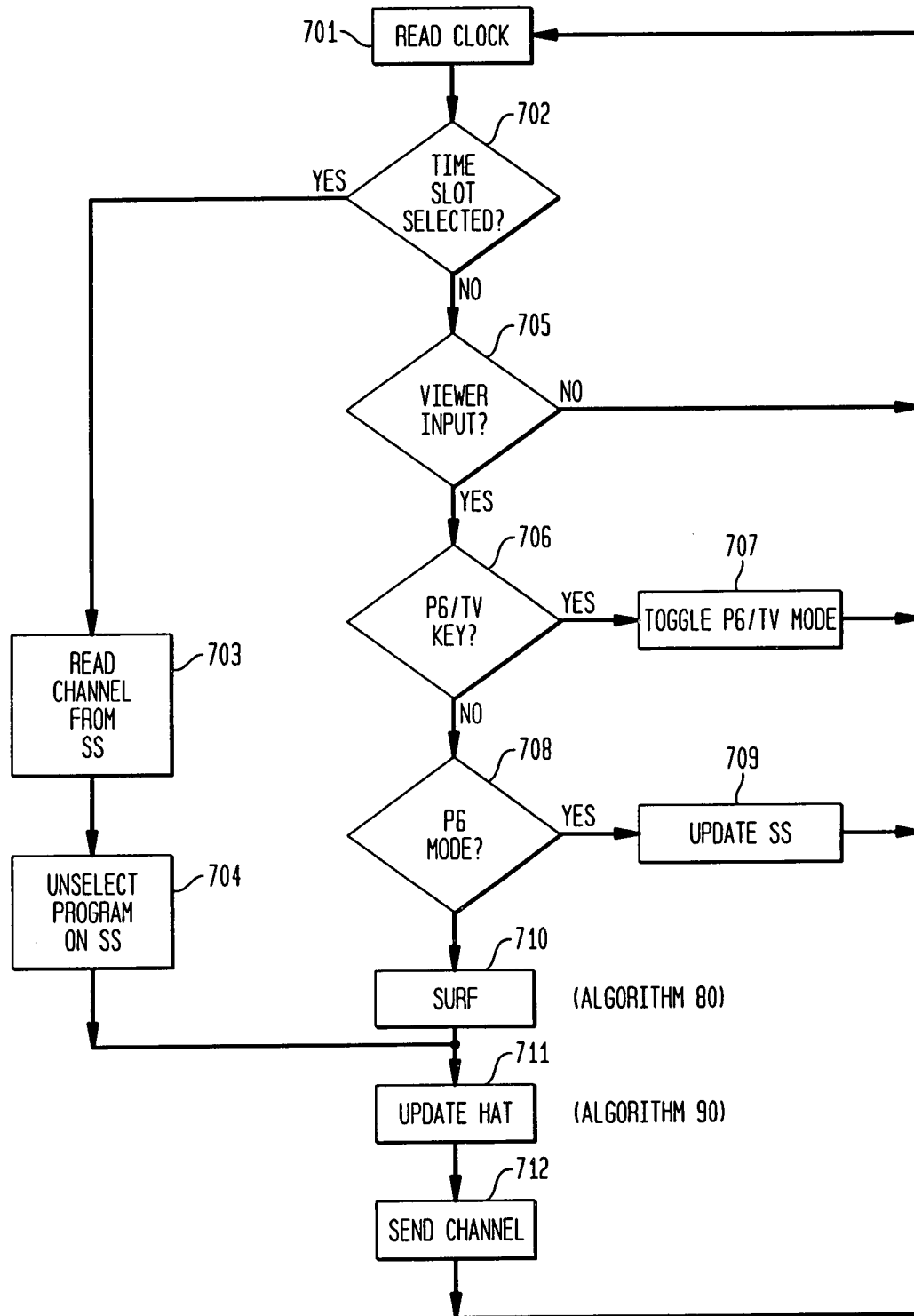


FIG. 8

FLOW CHART OF ALGORITHM USED IN SELECTING CHANNELS AND SURFING IN TV MODE

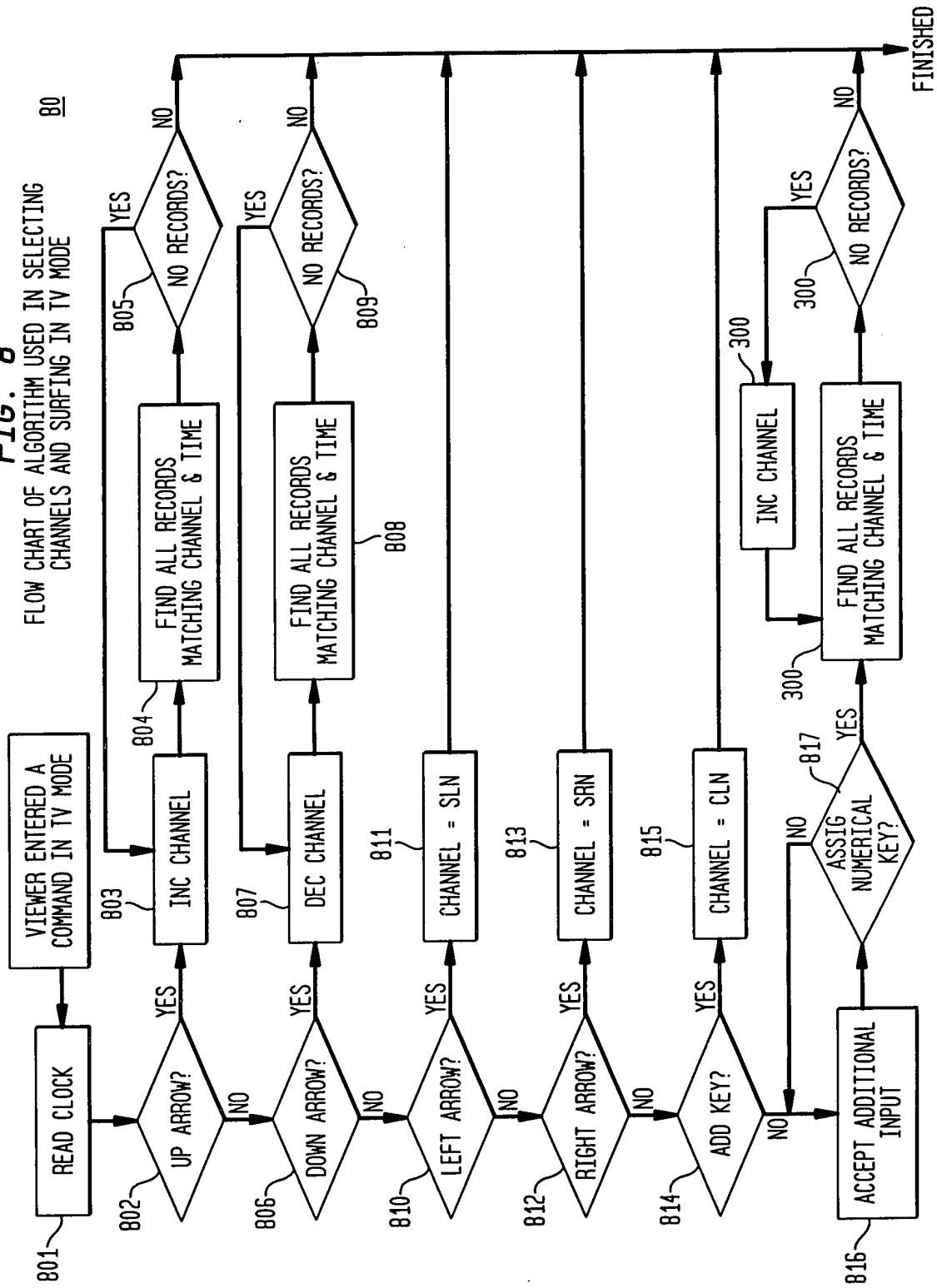


FIG. 9A

FLOW CHART OF ALGORITHM
UPDATE THE CHANNEL
HAT AND CATEGORY

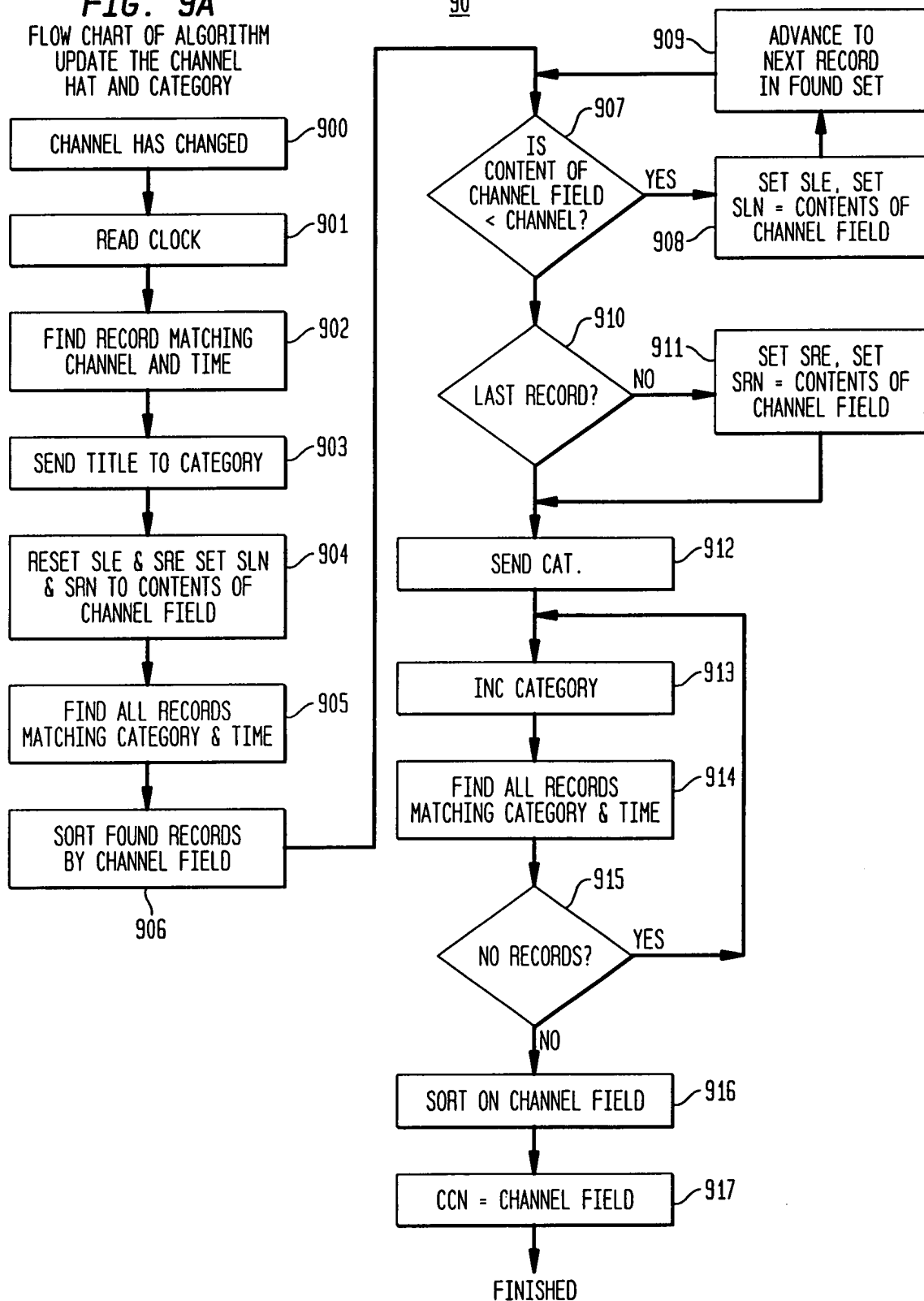


FIG. 9B
STEPS ADDED TO ALGORITHM 90 TO PREPARE FOR
SURFING TO A CHANNEL CARRYING A PROGRAM
IN THE PREVIOUS CATEGORY

